Not Yet Assigned

Not Yet Assigned Examiner Name Filing (surcharge Initial Filing 37 CFR 1.16(e) required) As a below named inventor, I hereby declare that: My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: SPLITTERLESS MULTICARRIER MODEM (Title of the Invention) the specification of which is attached hereto OR as United States Application Serial Number or PCT International 10/09/1998 was filed on (MM/DD/YYYY) (if applicable). and was amended on (MM/DD/YYYY) 08/23/1999 PCT/US98/21442 Application Number I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose to the Patent Office all information known by me to be material to patentability as defined in 37 CFR 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed. Certified Copy Attached? **Priority** Foreign Filing Date Prior Foreign Application Not Claimed NO YES (MM/DD/YYYY) Country Number(s) Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto. I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below. Filing Date (MM/DD/YYYY) Application Serial Number(s) Additional provisional application 10/10/97 60/061,689 serial numbers are listed on a supplemental priority data sheet attached hereto.

Filing Date

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Declaration and Power of Attonia for Utility or Design Patent Application

Serial No.: PCT/US98/21442 Atty. Docket No.: AWR-004

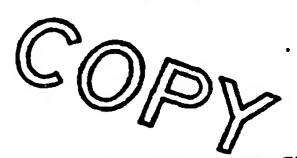
Page 2 of 4

DECLARATION - Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c), of any PCT international application designating the the subject matter of each of the claims of this application is not disclosed in the prior United

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Name	Number	Name	Number			
Steven M. Bauer	31,481	Thomas C. Meyers	36,989			
John V. Bianco	36,748	Joseph B. Milstein	42,897			
sabelle A.S. Blundell	43,321	David G. Miranda	42,898			
Maureen A. Bresnahan	44,559	Ronda P. Moore	44,244			
Michael H. Brodowski	41,640	Edmund R. Pitcher	27,829			
lennifer A. Camacho	43,526	Dianne M. Rees	45,281			
Joseph A. Capraro, Jr.	36,471	Michael A. Rodriguez	41,274			
John J. Cotter	38,116	R. Stephen Rosenholm	45,283			
John V. Forcier	42,545	Christopher W. Stamos	35,370 45,349			
Michael J. Giannetta	42,574	Joseph P. Sullivan	35,393			
Duncan A. Greenhalgh	38,678	Robert J. Tosti	35,722			
William G. Guerin	41,047	Thomas A. Turano	38,349			
Ira V. Heffan	41,059	Michael J. Twomey Christine C. Vito	39,061			
Danielle L. Herritt	43,670	Patrick R.H. Waller	41,418			
Mi Kim	44,830	Daniel A. Wilson	P-45,508			
Douglas J. Kline	35,574	Yin P. Zhang	44,372			
John D. Lanza	40,060	1 III 1 . Zitung				
Timothy P. Linkkila	40,702		1			
Kurt W. Lockwood	40,704					
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125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100



for Utility or Design Patent Application Declaration and Power of Atto Serial No. PCT/US98/21442 Atty. Docket No. AWR-004 Page 3 of 4

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Declaration and Power of Attorn for Utility or Design Patent Application Serial N . PCT/US98/21442 Atty. Docket No. AWR-004 Page 4 of 4

A petition has been filed for this unsigned inventor Name of Additional Joint Inventor, if any: Family Name or Surname Given Name (first and middle [if any]) **Tzannes** Michael A. Date 2/10/ Inventor's Signature Citizenship USA **USA** Country MA State City Residence Lexington 17 Carley Road Post Office Address USA 02173 Country ZIP MA State P.O. Address (line 2) Lexington City

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State of MA County of MIDDLESOX Signed before me on this_ of FEB 2000 by JASTI Notary Public_

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DECLARATION - Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c), of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States of PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or

which is material to patentability as supplication. PCT international filing date of this application. U.S. Parent Application or PCT Parent	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
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	s are listed on a supplemental priority data shee	t attached hereto.

Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet attached hereto. As a named inventor, I hereby appoint the following registered practitioners to prosecute this sonlication and to transact all business in the Patent and Trademark Office connected therewith: Customer Number Number Bar Code

OR

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Registered practitioner(s) name/registration number listed below

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	Registration	Name	Registration Number
Steven M. Bauer John V. Bianco Isabelle A.S. Blundell Maureen A. Bresnahan Michael H. Brodowski Jennifer A. Camacho Joseph A. Capraro, Jr. John J. Cotter John V. Forcier Michael J. Giannetta Duncan A. Greenhalgh William G. Guerin Ira V. Heffan Danielle L. Herritt Mi Kim Douglas J. Kline John D. Lanza Timothy P. Linkkila Kurt W. Lockwood	Number 31,481 36,748 43,321 44,559 41,640 43,526 36,471 38,116 42,545 42,574 38,678 41,047 41,059 43,670 44,830 35,574 40,060 40,702 40,704	Thomas C. Meyers Joseph B. Milstein David G. Miranda Ronda P. Moore Edmund R. Pitcher Dianne M. Rees Michael A. Rodriguez R. Stephen Rosenholm Christopher W. Stamos Joseph P. Sullivan Robert J. Tosti Thomas A. Turano Michael J. Twomey Christine C. Vito Patrick R.H. Waller Daniel A. Wilson Yin P. Zhang	36,989 42,897 42,898 44,244 27,829 45,281 41,274 45,283 35,370 45,349 35,393 35,722 38,349 39,061 41,418 P-45,508 44,372

Additional registered practitioners named on supplemental Registered Practitioner Information sheet attached hereto.

Direct all correspondence to:

Patent Administrator

Testa, Hurwitz & Thibeault, LLP

High Street Tower 125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100 U

Page 3 of 4

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements the like so made are punishable by fine r imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements the like so made are punishable by fine r imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements

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